

CLAIMS

1. Wound drainage device for using reduced pressure to discharge exudate originating from a wound, which device
5 comprises a housing which comprises a vacuum chamber for receiving a collection container with a feed opening for collecting exudate, and means for generating a reduced pressure in the space between the inner wall of the vacuum chamber and a collection container which is accommodated therein during
10 operation, wherein the said means for generating a reduced pressure comprise gas-transformer means (30) for using pressurized gas to form a reduced pressure, which means on the pressure side are in communication with a pressure-resistant gas compartment (18) and on the vacuum side are in communication
15 with the vacuum chamber (14), the gas compartment (18) being provided in the housing (12) and having a coupling (24) for connection to an external gas source.
2. Wound drainage device according to claim 1, wherein the
20 coupling (24) can be selectively connected to a gas compartment (18) and the gas-transformer means (30).
3. Wound drainage device according to one of the preceding claims, wherein a removable inner container (32) is arranged in
25 the vacuum chamber (14), and the gas-transformer means (22) are in communication with the space between the inner container (32) and a collection container (16) which is positioned in the inner container (32) during operation.
- 30 4. Wound drainage device according to one of the preceding claims, wherein the wound drainage device comprises a modular configuration.
5. Wound drainage device according to claim 4, wherein the
35 modular configuration comprises a two-part housing (12a, 12b), at least one gas compartment (18), a vacuum chamber (14) and a mounting plate (100) having at least the gas-transformer means (30) as components to be assembled.

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6. Assembly of a wound drainage device according to one of the preceding claims 1-5 and a collection container for collecting exudate originating from a wound, comprising a flexible receiving container (16) which is in communication with a feed (70) for conveying exudate from the wound to the receiving container (16).

7. Assembly according to claim 6, wherein the vacuum chamber (14) is provided with an opening, and the collection chamber (16) comprises a cover (50) for closing off the opening.

8. Assembly according to claim 7, wherein the cover (50) comprises a closure rim (52), such that the cover (50) can be positioned on the opening of the vacuum chamber (14) in a unique way.

9. Assembly according to claim 8, wherein the closure rim (52) is in the shape of an ellipse composed of two ellipse parts (53) of different eccentricity which adjoin one another.

10. Assembly according to one of the preceding claims 7-9 wherein the cover (50) is provided with a closable feed opening (58) for supplying auxiliary substances, which feed opening (58) is in communication with the receiving container (16).

11. Assembly according to claim 10, wherein the feed opening (58) is provided with a septum (96).

12. Assembly according to one of the preceding claims 10-11, wherein a lid (60) is provided for closing the feed opening (58) again.

13. Assembly according to one of the preceding claims 10-11, wherein a breakable lid (60) is provided for protecting the feed opening (58).

14. Assembly according to one of the preceding claims 6-13, wherein the feed (70) is provided with a shut-off member (72), and the receiving container (16) is provided with a discharge

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(76) for removing exudate from the receiving container (16), which discharge (76) is provided with a shut-off member (78).

15. Assembly according to claim 14, wherein the feed (70) and
5 discharge (76) are provided on opposite sides of the receiving container (16).

16. Assembly according to one of the preceding claims 6-15, wherein the collection container (16) comprises a filter (74).

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17. Assembly according to one of the preceding claims 6-16, wherein the wall of the collection container (16) comprises an air-permeable filter (82).

15 18. Collection container for collecting exudate originating from a wound, obviously intended for a wound drainage device according to one of the preceding claims 1-5 or the assembly according to one of the preceding claims 6-17 comprising a flexible receiving container (16), which is in communication
20 with a feed (70) for conveying exudate from the wound to the receiving container (16), and a cover (50), comprising a closure rim (52), such that the cover (50) can be positioned on an opening of a vacuum chamber (14) in a unique way.

25 19. Collection container according to claim 18, wherein the closure rim (52) is in the shape of an ellipse composed of two ellipse parts (53) of different eccentricity which adjoin one another.

30 20. Collection container for collecting exudate originating from a wound, in particular according to claim 18-19, obviously intended for a wound drainage device according to one of the preceding claims 1-5 or the assembly according to one of the preceding claims 6-17, comprising a flexible receiving container
35 (16) which is in communication with a feed (70) for conveying exudate from the wound to the receiving container (16), which feed (70) is provided with a shut-off member (72), and a discharge (76) for removing exudate from the receiving container, which discharge (76) is provided with a shut-off

member (78).

21. Collection container according to claim 20, wherein the
feed (70) and discharge (76) are provided on opposite sides of
5 the receiving container (16).

22. Collection container according to one of the preceding
claims 18-21, wherein the collection container comprises a
filter (74).

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23. Collection container according to one of the preceding
claims 18-22, wherein the wall of the collection container
comprises an air-permeable filter (82).

15 24. Collection container according to one of the preceding
claims 18-23, wherein the cover (50) is provided with a
reclosable feed opening (58) for supplying auxiliaries, with
feed opening (58) is in communication with the receiving
container (16).

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25. Collection container according to claim 24, wherein a
septum (96) is provided in the feed opening (58).

26. Collection container according to one of the preceding
25 claims 24-25, wherein a lid (60) is provided for closing the
feed opening (58) again.

27. Collection container according to one of the preceding
claims 24-25, wherein a breakable lid (60) is provided for
30 protecting the feed opening (58).